



# STATEMENT OF ENERGY PERFORMANCE

## New Highland Elementary School

Building ID: 1215763

For 12-month Period Ending: December 31, 2006<sup>1</sup>

Date SEP becomes ineligible: April 30, 2007

Date SEP Generated: March 20, 2007

**Facility**

New Highland Elementary School  
110 W.A. Jenkins Road  
Elizabethtown KY 42701

**Facility Owner**

Hardin County Schools  
65 WA Jenkins Road  
Elizabethtown KY 42701  
270-769-8800

**Primary Contact for this Facility**

Gary Milby  
65 WA Jenkins Road  
Elizabethtown KY 42701  
270-769-8800  
gary.milby@hardin.kyschools.us

Year Built: 1982

Gross Building Area (ft<sup>2</sup>): 54,410Energy Performance Rating<sup>2</sup> (1-100) 78**Facility Space Use Summary**

Space Type	Area(ft <sup>2</sup> )	Number of Students	Number of PCs	Cooling Percent
K-12 School	54,410	650	189	100
Open Parking Lot	112,000	N/A	N/A	N/A

**Site Energy Use Summary**

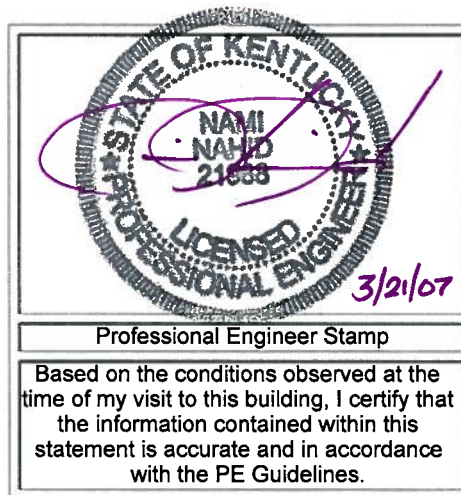
Natural Gas (kBtu) <sup>3</sup>	232,990
Electricity (kBtu)	1,903,732
<b>Total Energy (kBtu)</b>	<b>2,136,722</b>

**Energy Intensity<sup>4</sup>**

Site (kBtu/ft <sup>2</sup> /yr)	39
Source (kBtu/ft <sup>2</sup> /yr)	110

**Emissions (based on site energy use)**

CO <sub>2</sub> (1000 lbs/yr)	1,263
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**Professional Engineer Stamp**

Based on the conditions observed at the time of my visit to this building, I certify that the information contained within this statement is accurate and in accordance with the PE Guidelines.

**Indoor Environment Criteria<sup>5</sup>**

Indoor air pollutants controlled?	Yes
Adequate ventilation provided?	Yes
Thermal conditions met?	Yes
Adequate illumination provided?	Yes

**Professional Engineer**

License Number: 21988  
State: KY  
Nami Nahid  
3000 Canton Street  
Hopkinsville KY 42240  
270-886-2536

**Notes:**

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Natural Gas values in units of volume (e.g. cubic feet) are converted to kBtu with adjustments made for elevation based on Facility zip code.
4. Values represent energy intensity, annualized to a 12-month period.
5. Based on meeting ASHRAE Standard 62-1999 for indoor air quality, ASHRAE Standard 55-1992 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

